

Project Description

The purpose of the Education Services Center is to consolidate District support services into one location to better conserve resources and centralize support to the schools and communities it serves. Since the facility is designed to grow and support the District's projected growth over the next 25 years, goals were set that not only met but surpassed their current standards, thus realizing the potential for long term capital savings.

Through the use of basic energy efficiency principles and utilizing Energy Star as a performance tool the District is able to meet their goals and evaluate their impact while providing a positive example for the community at large.

Exterior



**DESIGNED
TO EARN THE
ENERGY STAR**

The estimated energy performance for this design meets US EPA criteria. The building will be eligible for ENERGY STAR after maintaining superior performance for one year.

Education Services Center

Folsom Cordova Unified School District Rancho Cordova, California

Sustainable Design Elements

- Progressive Day Lighting Strategies
- High Efficiency HVAC Systems
- Advanced Artificial Lighting Methods
- High R Value Wall Systems
- Low-E Glazing and Solar Shading
- Contracted Use of Renewable Energy

Statistics

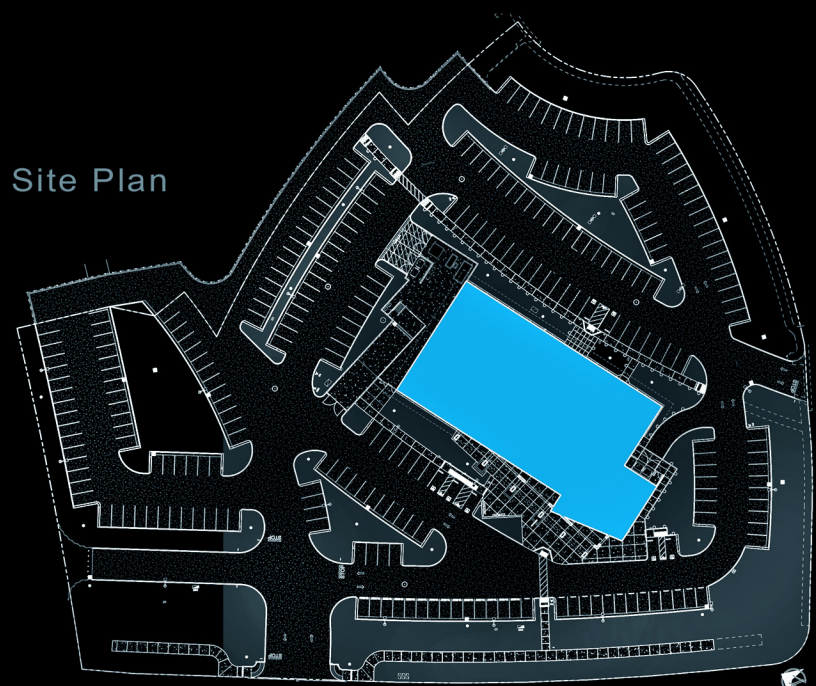
- Energy Cost / Square Foot: \$1.21 sq.ft / year
- Building / Space type:
 - Office = 57,827 sq.ft
 - Other = 5,180 sq.ft
 - Warehouse = 10,598 sq.ft
 - Computer Data Center = 117 sq.ft
- Total Gross Floor Area = 73,722 sq.ft

Annual Savings Statistics (compared to an average building EPA rating of 50)

- Energy Use Intensity (EUI) = 113 kBtu/sf/yr
- Energy Savings = 7,825,000 kBtu
- CO2 Savings = 260 Metric Tons CO2
- Percent CO2 Reduction = 48%

ENERGY STAR design rating = 96

Site Plan



Rainforth Grau Architects



Board Room



Cafe



Kitchen



Lobby